



PATENT  
51782/B845

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**U.S. Patent No.** : 6,892,697 **Confirmation No.** 5987  
**Issued** : May 17, 2005  
**Inventor(s)** : Abraham E. Karem  
**Application No.** : 10/762,983  
**Filed** : January 22, 2004  
**Title** : FAIL-OPERATIONAL INTERNAL COMBUSTION ENGINE

**REQUEST FOR CERTIFICATE OF CORRECTION**

Office of Certificates of Correction  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

P. O. Box 7068  
Pasadena, CA 91109-7068  
May 5, 2006

Commissioner:

Submitted herewith are two copies of a proposed Certificate of Correction for the above-referenced patent. The errors are identified in detail in the proposed certificate, and the corresponding text in the application is located as follows:

**Location in Patent**

**Location in Application**

**PTO errors:**

**In the Specification**

Column 8, line 46

Original Specification, pg. 16, line 4

Column 13, line 10

Original Specification, pg. 24, line 30

**In the Claims**

Column 15, line 34, Claim 8

Claims as originally filed, pg 30, Claim 8, line 3

Column 15, line 36, Claim 8

Claims as originally filed, pg 30, Claim 8, line 5

Column 16, line 22, Claim 14

Claims as originally filed, pg 32, Claim 14, line 2

Column 16, line 51, Claim 20

Claims as originally filed, pg 33, Claim 20, line 4

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: *May 5, 2006* (Date of Deposit) *John J. Karem*

*MAY 12 2006*

**Applicant errors:**

**In the Specification**

Column 7, line 21	Original Specification, pg. 13, line 13
Column 8, line 60	Original Specification, pg. 16, line 16
Column 10, line 26	Original Specification, pg. 19, line 14
Column 11, line 11	Original Specification, pg. 20, line 33
Column 13, line 3	Original Specification, pg. 24, line 23
Column 14, line 1	Original Specification, pg. 26, line 23

**In the Claims**

Column 16, line 39, Claim 18	Claims as originally filed, pg 32, Claim 18, line 2
Column 16, line 41, Claim 18	Claims as originally filed, pg 32, Claim 18, line 4

**In the Drawings**

FIG. 1, Sheet 1 of 3 Ref. No. 28a	Formal Drawings as filed Sep. 27, 2004, FIG. 1
FIG. 2, Sheet 2 of 3	Formal Drawings as filed Sep. 27, 2004, FIG. 2
FIG. 3, Sheet 3 of 3	Formal Drawings as filed Sep. 27, 2004, FIG. 3

Applicant(s) errors were unintentional and inadvertent, and were made in good faith through oversight. Correction is accordingly requested under 35 U.S.C. § 255, and our check for the \$100 statutory fee is enclosed. Any deficiency or overpayment should be charged or credited to Deposit Account No. 03-1728. Please show our docket number with any credit or charge to our Deposit Account.

MAY 12 2006

U.S. Patent No. 6,892,697

Correction of applicant(s) errors does not constitute new matter or require reexamination.  
Approval of this certificate is respectfully requested

Respectfully submitted,

**CHRISTIE, PARKER & HALE, LLP**

By

Constantine Marantidis  
Reg. No. 39,759  
626/795-9900

CM/clv

Enclosures: Certificate of Correction (2)  
Check \$100

CLV PAS669427.1--02/27/06 5:29 PM

MAY 12 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

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PATENT NO. : 6,892,697

APPLICATION NO.: 10/762,983

ISSUE DATE : May 17, 2005

INVENTOR(S) : Karen

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### **In the Specification**

Column 8, line 46 After "complexity",  
Insert --,--

Column 10, line 26      Delete "crack",  
Insert --crank--

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

CHRISTIE, PARKER & HALE, LLP.  
P.O. Box 7068  
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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

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PATENT NO. : 6,892,697

APPLICATION NO.: 10/762,983

ISSUE DATE : May 17, 2005

INVENTOR(S) : Karem

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Claims**

Column 15, line 34, Claim 8	Delete "system", Insert --systems--
Column 15, line 36, Claim 8	Delete "degrade", Insert --degraded--
Column 16, line 22, Claim 14	Delete "maintains", Insert --maintaining--
Column 16, line 39, Claim 18	Delete "are", Insert --is--
Column 16, line 41, Claim 18	Delete "are", Insert --is--
Column 16, line 51, Claim 20	Delete "system", Insert --systems--

**In the Drawings**

FIG. 1, Sheet 1 of 3 Ref. No. 28a	Delete Drawing Sheet 1 and substitute therefore the Drawing Sheet, consisting of Fig. 1, as shown on the attached page
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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 3 of 3

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APPLICATION NO.: 10/762,983

ISSUE DATE : May 17, 2005

INVENTOR(S) : Karem

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

FIG. 2, Sheet 2 of 3

Delete Drawing Sheet 2 and substitute therefore the Drawing Sheet, consisting of Fig. 2, as shown on the attached page

FIG. 3, Sheet 3 of 3

Delete Drawing Sheet 3 and substitute therefore the Drawing Sheet, consisting of Fig. 3, as shown on the attached page

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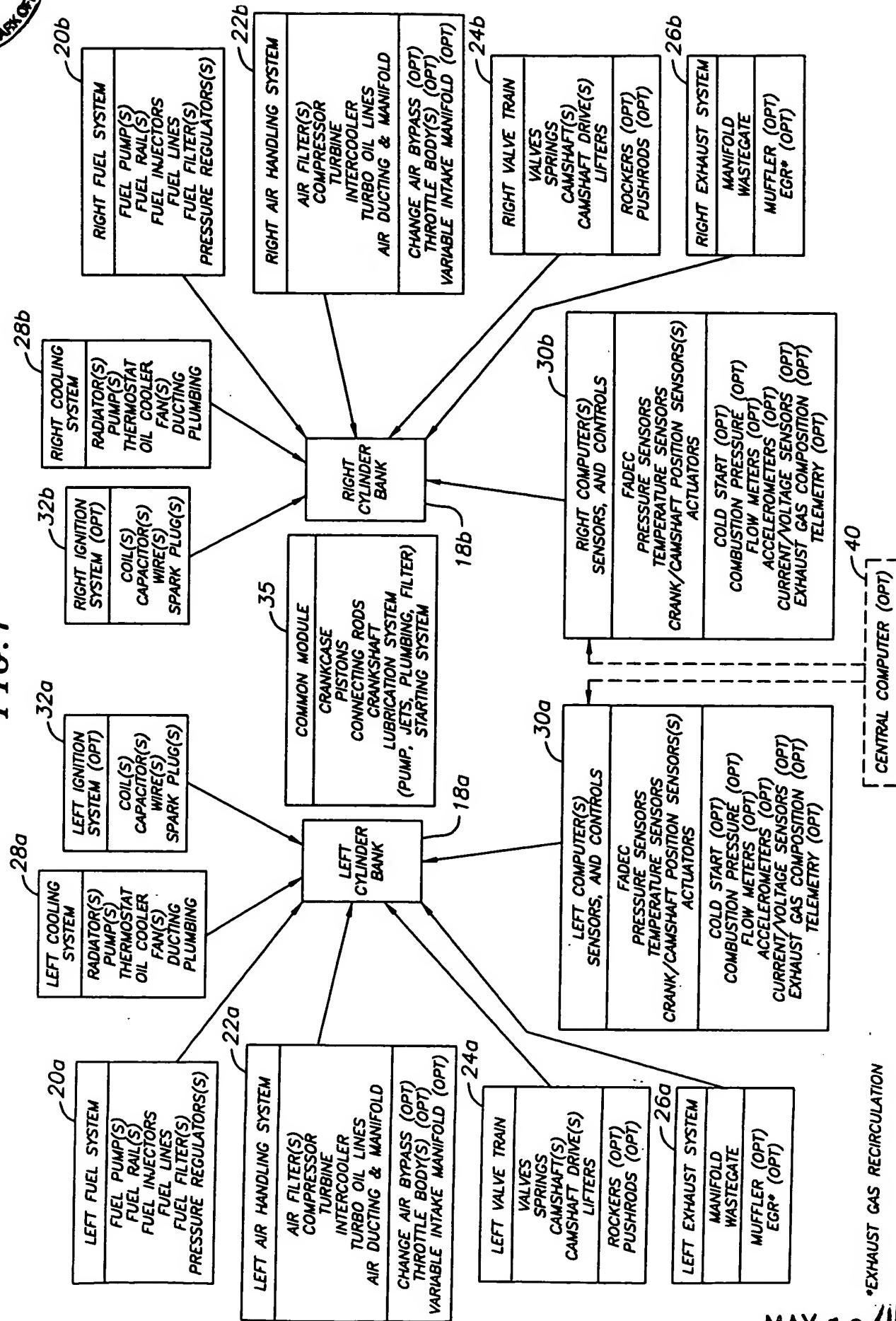
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PTO-1050 (04-05)



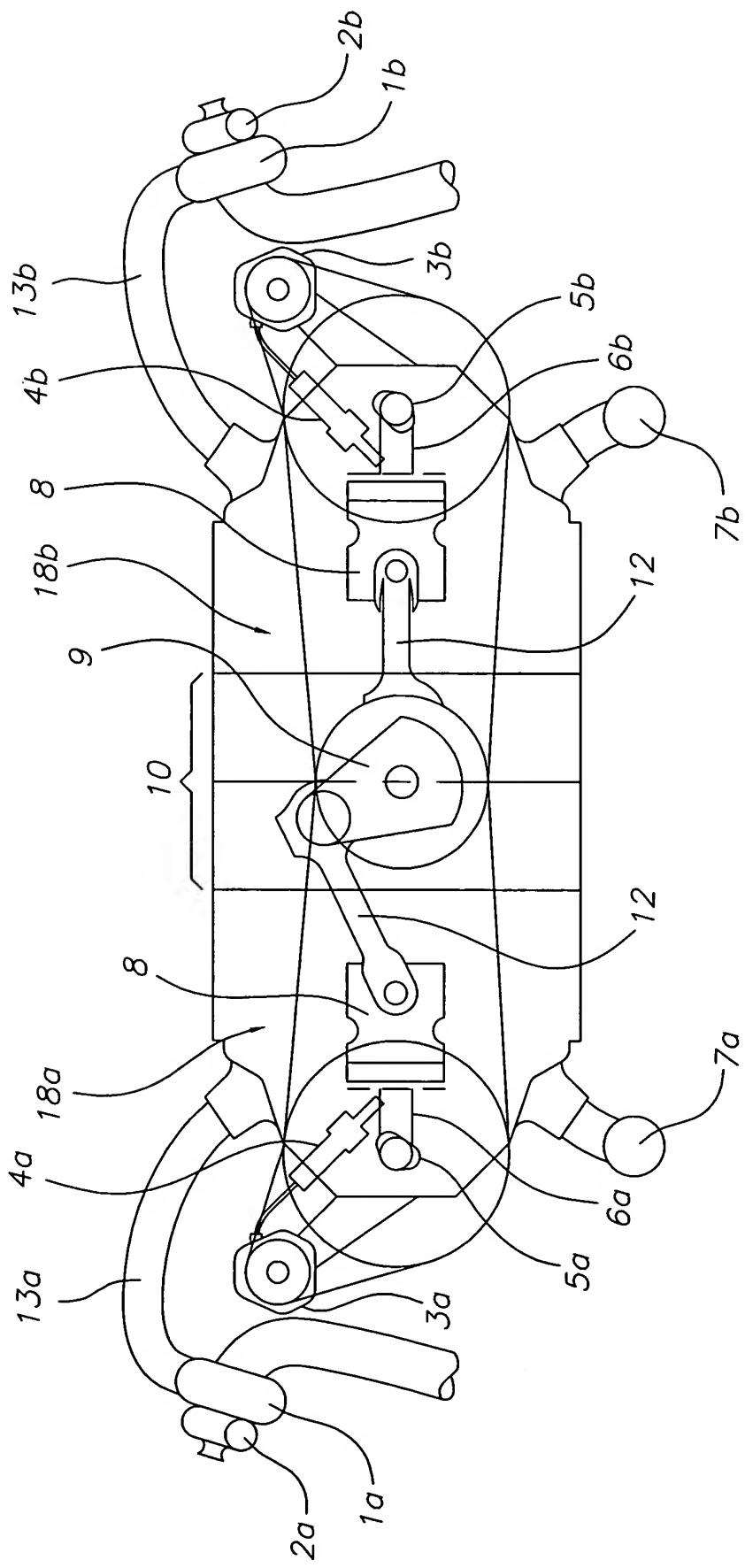
FIG. 1



\*EXHAUST GAS RECIRCULATION

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FIG. 2



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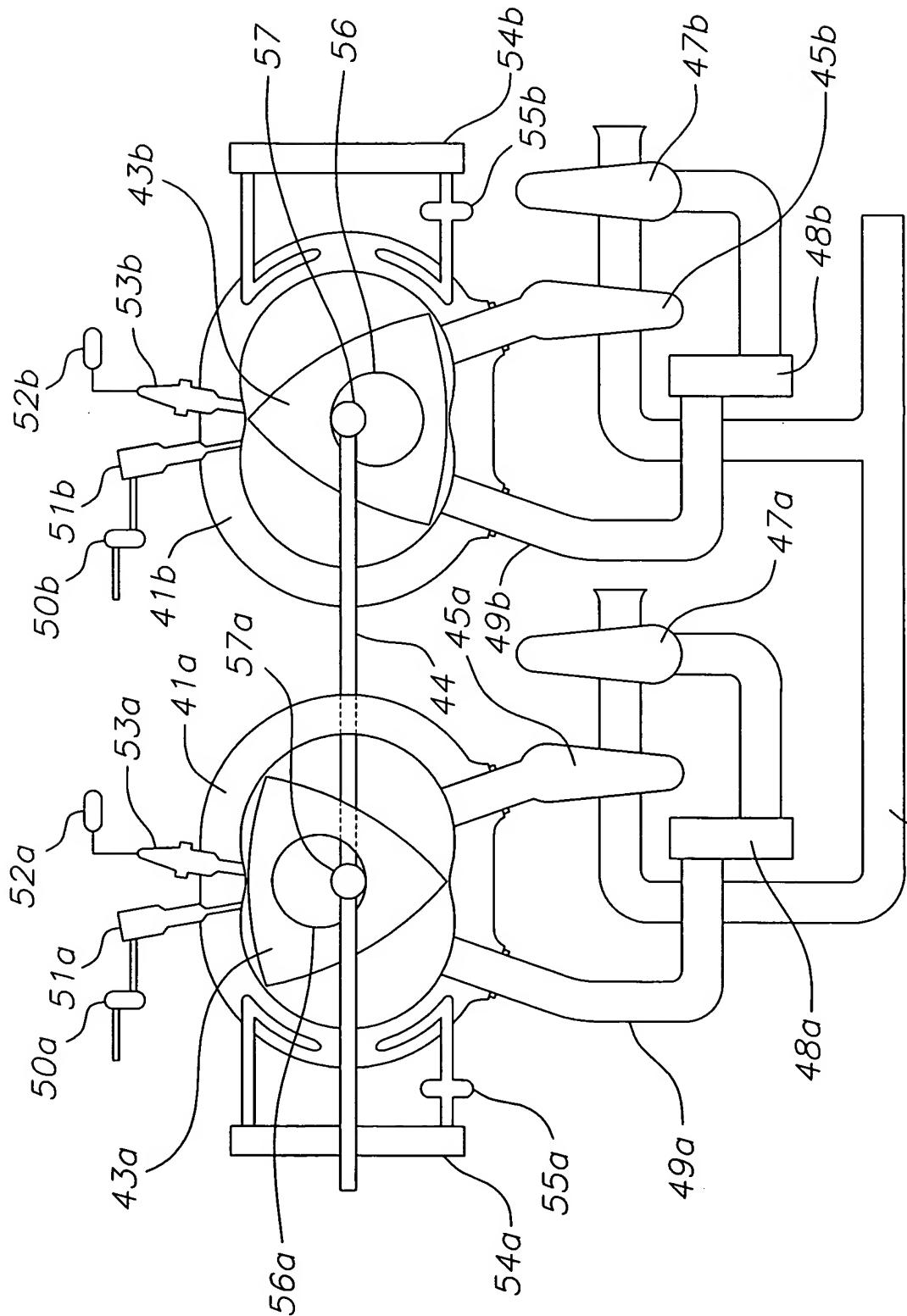


FIG. 3

MAY 12 2005